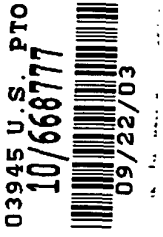




By Express Mail #EV329599028US

Attorney Docket No.: 5405-9



Check box if applicable: ☐ DUPLICATE

UTILITY PATENT APPLICATION TRANSMITTAL

Submit an original and a duplicate for fee processing

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Dated: September 22, 2003

Mail Stop **Patent Application**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the utility patent application of:

Inventor(s): Yuusuke KAWAHARA, Tetsuya YOSHIDA, Kazuhiro MURATA, Hiroshi YOKOYAMA

For: Manufacturing Method of Circuit Substrate, Circuit Substrate and Manufacturing Device of Circuit Substrate

Enclosed are:

- Transmittal letter (2x) with Fee Computation Sheet
- General Authorization For Payment of Fees (2x)
- Specification, Claims 1 to 17 & Abstract (76 pages)
- Executed Declarations and Power of Attorney (10 p.) (NOTE: Two (2) executed documents are enclosed, each being signed by two of the inventors)
- Fifteen (15) sheet(s) of drawings (Figs. 1 to 15)
- Check for \$ 750.00 for filing fee
- Assignment of the invention to **Konica Minolta Holdings, Inc.**, and **National Institute of Advanced Industrial Science** (NOTE: Two (2) executed documents are enclosed, each being signed by two of the inventors)
- Recordation Cover Sheet (PTO-1595)
- Check for \$40.00 for Assignment Recording Fee
- Certified copy of priority document No(s). 2002-278223, 2003-290162

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- Letter Transmitting Priority document
- Return Receipt Postcard

This application is to be assigned to: **Konica Minolta Holdings, Inc.,
6-1, Marunouchi 1-chome, Chiyoda-ku
Tokyo 100-0005 Japan**

and

**National Institute of Advanced Industrial Science
3-1, Kasumigaseki 1-chome, Chiyoda-ku
Tokyo 100-8921 Japan**

- ☐ Please charge my Deposit Account No. 03-2412 in the amount of \$_. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this application or credit any overpayment to Deposit Acct. No. 03-2412.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.
- ☒ Priority is claimed for this invention and application, corresponding applications having been filed in **Japan** on **September 24, 2002**, No. **2002-278223**, **Japan** on **August 08, 2003**, No. **2003-290162**, respectively.

Respectfully submitted,
COHEN, PONTANI, LIEBERMAN & PAVANE

By: Thomas Langer
Thomas Langer
Reg. No. 27,264

551 Fifth Avenue, Suite 1210
New York, New York 10176
Tel: (212) 687-2770
Fax: (212) 972-5487

By Express Mail #EV329599028US

Attorney Docket No.: **5405-9**

FILING FEE COMPUTATION SHEET

Submit an original and a duplicate for fee processing

Dated: September 22, 2003

Mail Stop **Patent Application**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In re Application of: **Yuusuke KAWAHARA et al.**
For: **Manufacturing Method of Circuit Substrate, Circuit Substrate and Manufacturing Device of Circuit Substrate**

The filing fee has been calculated as shown below:

FOR:	Col. 1	Col. 2	SMALL ENTITY	OTHER THAN SMALL ENTITY
	# FILED	# EXTRA		
BASIC FEE			\$375	\$750
TOTAL CLAIMS	<u>17</u> - 20 =	<u>0</u>	x 9 = \$	x 18 = \$
INDEPENDENT CLAIMS	<u>3</u> - 3 =	<u>0</u>	x 42 = \$	x 84 = \$
<input type="checkbox"/> MULTIPLE DEPENDENCY			+\$140 = \$	+ 280 \$
* If the difference in Col. 1 is less than zero, enter "0" in Col. 2			TOTAL: \$	\$750

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Yuusuke KAWAHARA et al.

Serial No.: n/a

Filed: concurrently

For: Manufacturing Method of Circuit
Substrate, Circuit Substrate and
Manufacturing Device of Circuit
Substrate

Check box if applicable:

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GENERAL AUTHORIZATION FOR PAYMENT OF FEES
AND PETITIONS FOR EXTENSIONS OF TIME

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Commissioner for Patents

P.O. Box 1450

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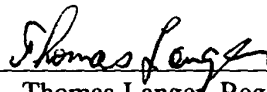
Sir:

The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 03-2412

- [X] Any filing fees required under 37 CFR §1.16.
- [X] Any patent application processing fees under 37 CFR §1.17 not otherwise paid by check.
- [X] The issue fee set in 37 CFR 1.18 at 3 months from mailing of the Notice of Allowance, pursuant to 37 CFR 1.311 (b) provided the fee has not already been paid by check.
- [X] Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,
COHEN, PONTANI, LIEBERMAN & PAVANE

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Dated: September 22, 2003